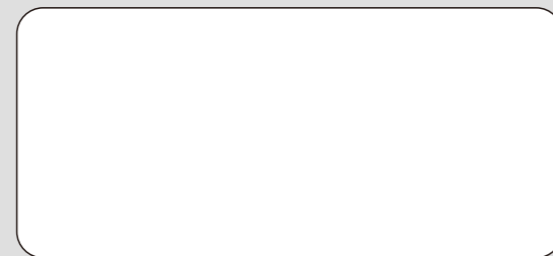




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QAC11-01



• Machine specifications and design are subject to change without prior notice due to on-going innovation.

2022-12-V3.0 12P GHXXX US



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www.camprousa.com

VERTICAL Machines

5-AXIS Machines

DOUBLE COLUMN Machines

HORIZONTAL Machines

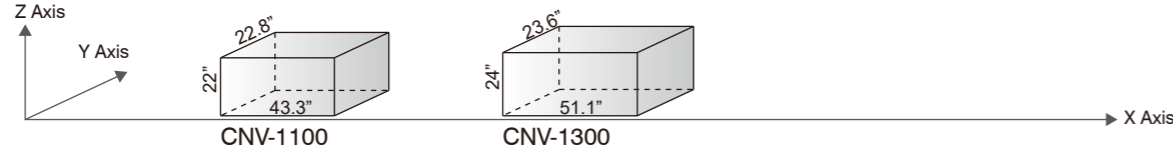
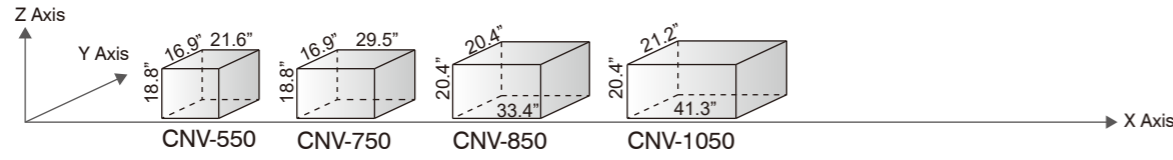
VERTICAL Lathes

HORIZONTAL Lathes

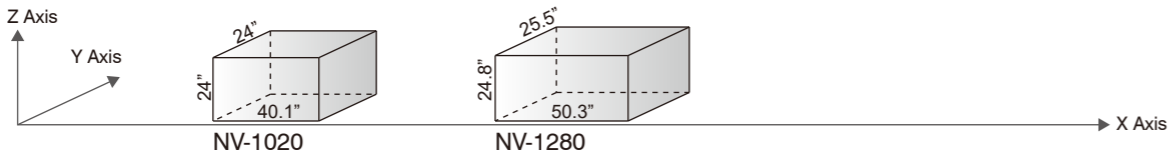
TURN MILL Centers

Unit: inch

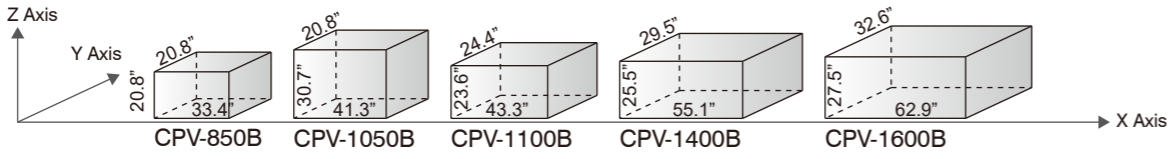
01 CNV Series
High Efficiency Vertical Machining Center



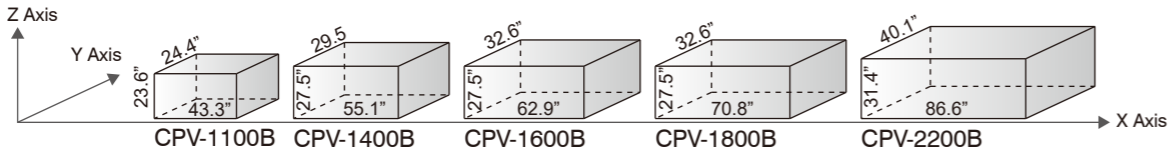
01 NV Series
High Performance Vertical Machining Center



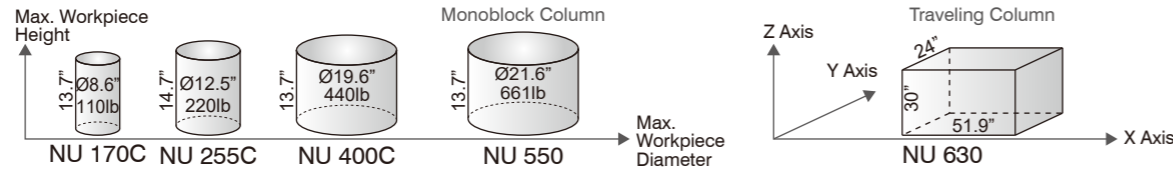
02 CPV-B Series #40
Box Ways Vertical Machining Center



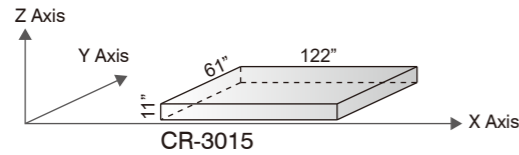
02 CPV-B Series #50
Heavy Duty (Box Ways) Vertical Machining Center



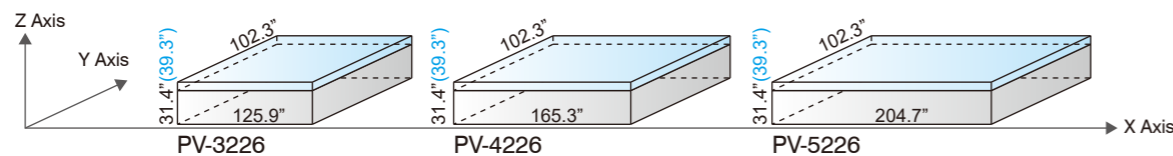
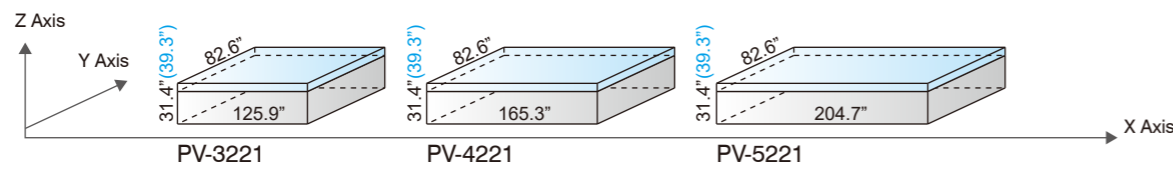
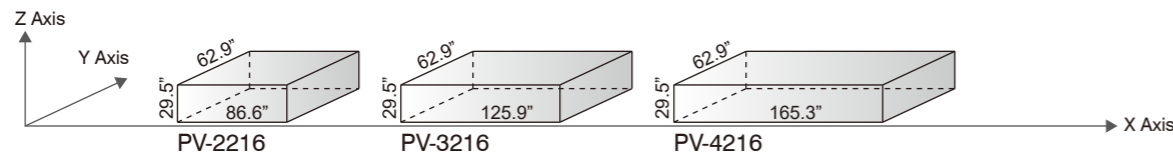
03/04 NU Series
5-axis Machining Center



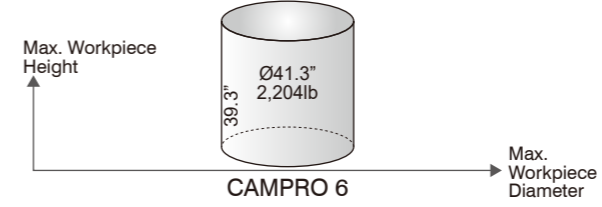
04 CR Series
Gantry Routers



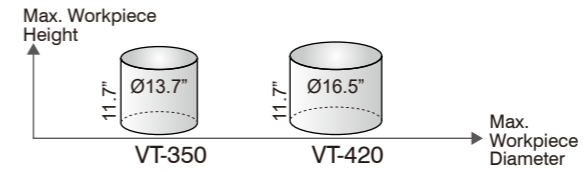
05 PV Series
Double Column Machining Center



06 Campro 6
Horizontal Machining Center



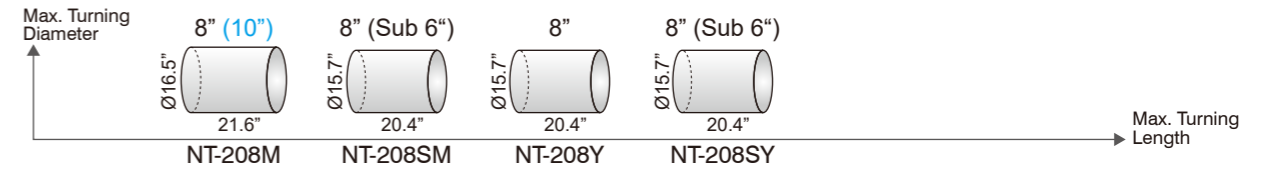
06 VT Series
CNC Precision Vertical Lathe



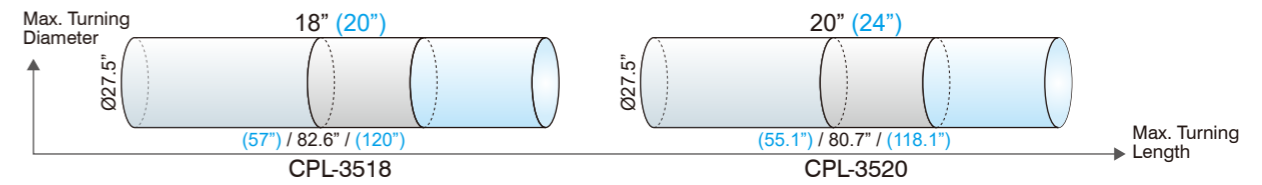
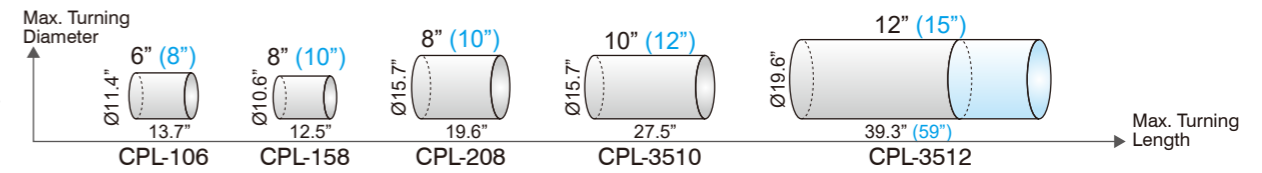
07 NT Series
30° Slant-bed Box Way CNC Lathe



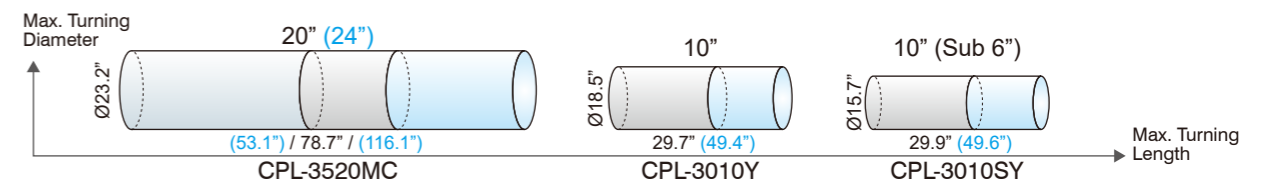
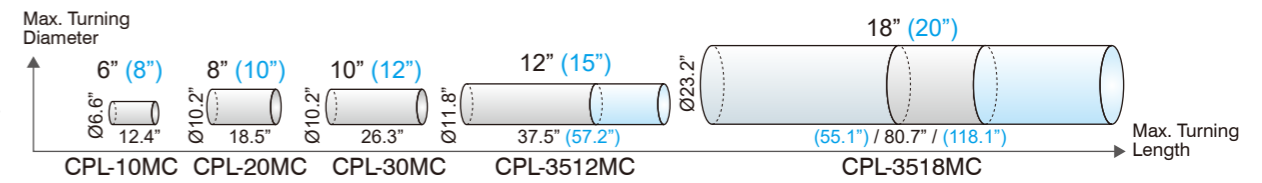
07 NT Series
30° Slant-bed Box Way Turning & Milling Center



08 CPL Series
45° Slant-bed CNC Precision Lathe



08 CPL Series
CNC Turning & Milling Center



550 / 750 / 850 / 1050 / 1100 / 1300

CNV

High Efficiency Vertical Machining Center



MODEL	UNIT	CNV-550	CNV-750	CNV-850	CNV-1050	CNV-1100	CNV-1300
X-axis Travel	inch	21.6"	29.5"	33.4"	41.3"	43.3"	51.1"
Y-axis Travel	inch	16.9"		20.4"	21.2"	22.8"	23.6"
Z-axis Travel	inch	18.8"		20.4"	20.4"	22"	24"
Table Dimension	inch	25.5" x 16.9"	33.4" x 16.9"	37.4" x 20.4"	45.2" x 20.4"	47.2" x 21.6"	55.1" x 23.6"
Max. Loading Weight	lb	661		1,102	1,322	1,543	1,984
Spindle Speed (OPT)	rpm	8,000 (10,000 / 12,000 / 15,000)		8,000 (10,000 / 12,000 / 15,000)		8,000 (10,000 / 12,000 / 15,000)	
Spindle Motor	HP	15HP		15HP		15HP	
Tool Shank	type	CAT-40		CAT-40		CAT-40	
Tool Storage Capacity (OPT)	pcs.	20 (16)		24 (20)		24 (20)	
Rapid Traverse (X / Y / Z)	ipm	1,181.1 / 1,181.1 / 1,181.1		1,181.1 / 1,181.1 / 1,181.1		1,181.1 / 1,181.1 / 944.8	

850B / 1050B / 1100B / 1400B / 1600B

CPV-B #40

Box Ways Vertical Machining Center



MODEL	UNIT	CPV-850B	CPV-1050B	CPV-1100B	CPV-1400B	CPV-1600B
X-axis Travel	inch	33.4"	41.3"	43.3"	55.1"	62.9"
Y-axis Travel	inch	20.8"	20.8"	24.4"	29.5"	32.6"
Z-axis Travel	inch	20.8"	30.7"	23.6"	25.5"	27.5"
Table Dimension	inch	37.4" x 20.8"	41.3" x 20.8"	47.2" x 23.6"	61" x 27.5"	70.8" x 31.4"
Max. Loading Weight	lb	1,763	2,204	2,425	3,968	4,409
Spindle Speed	rpm	8,000	10,000	8,000	8,000	8,000
Spindle Motor	HP	15HP	20HP	15HP	15HP	15HP
Tool Shank	type	CAT-40	CAT-40	CAT-40	CAT-40	CAT-40
Tool Storage Capacity (OPT)	pcs.	24 (20)	24	24 (20)	24 (20)	24 (20)
Rapid Traverse (X / Y / Z)	ipm	787.4	1,181.1	787.4	590.5	590.5 (X/Y) / 472.4(Z)

1020 / 1280

NV

High Performance Vertical Machining Center



MODEL	UNIT	NV-1020	NV-1280
X-axis Travel	inch	40.1"	50.3"
Y-axis Travel	inch	24"	25.5"
Z-axis Travel	inch	24"	24.8"
Table Dimension	inch	44" x 24"	54.3" x 25.5"
Max. Loading Weight	lb	1,763	2,645
Spindle Speed (OPT)	rpm	10,000 (12,000 / 15,000)	
Spindle Motor	HP	20HP	
Tool Shank	type	CAT-40	
Tool Storage Capacity (OPT)	pcs.	24 (30 / 32 / 40)	
Rapid Traverse (X / Y / Z)	ipm	1,889.7 / 1,889.7 / 1,259.8	1,417.3 / 1,417.3 / 944.8

1100B / 1400B / 1600B / 1800B / 2200B

CPV-B #50

Heavy Duty (Box Ways) Vertical Machining Center



MODEL	UNIT	CPV-1100B	CPV-1400B	CPV-1600B	CPV-1800B	CPV-2200B
X-axis Travel	inch	43.3"	55.1"	62.9"	70.8"	86.6"
Y-axis Travel	inch	24.4"	29.5"	32.6"	32.6"	40.1"
Z-axis Travel	inch	23.6"	27.5"	27.5"	27.5"	31.4"
Table Dimension	inch	47.2" x 23.6"	61" x 27.5"	70.8" x 31.4"	78.7" x 31.4"	94.4" x 40.1"
Max. Loading Weight	lb	2,425	3,968	4,409	4,850	6,613
Spindle Speed	rpm	6,000	6,000	6,000	6,000	6,000
Spindle Motor	HP	20HP	20HP	20HP	20HP	20HP
Tool Shank	type	CAT-50	CAT-50	CAT-50	CAT-50	CAT-50
Tool Storage Capacity	pcs.	24	24	24	24	24
Rapid Traverse (X / Y / Z)	ipm	787.4 (X/Y) / 590.5(Z)	590.5	590.5 (X/Y) / 472.4(Z)	590.5 (X/Y) / 472.4(Z)	472.4 (X/Y) / 393.7(Z)

170C / 255C / 400C

NU

5-axis Machining Center



MODEL	UNIT	NU 170C	NU 255C	NU 400C
X-axis Travel	inch	15.7"	15.7"	21.6"
Y-axis Travel	inch	16.9"	20.4"	23.6"
Z-axis Travel	inch	18.8"	17.7"	20.8"
Table Dimension	inch	Ø6.6"	Ø10"	Ø15.7"
A-axis Swiveling Range	deg	±100°	+30° ~ -120°	+30° ~ -120°
C-axis Rotary Range	deg	360°	360°	360°
Spindle Speed (OPT)	rpm	10,000 (12,000 / 15,000) / I.D.D.		
Spindle Motor	HP	15HP	20HP	20HP
Tool Shank	type	CAT-40	CAT-40	CAT-40
Tool Storage Capacity (OPT)	pcs.	20	24 (30)	24 (30 / 32 / 40)
Rapid Traverse (X / Y / Z)	ipm	1,181.1 / 1,181.1 / 1,181.1	1,181.1 / 1,181.1 / 1,181.1	1,259.8 / 1,259.8 / 1,259.8

630

NU

Traveling Column 5-axis Machining Center (Head-Table Configurations)



MODEL	UNIT	NU 630
X-axis Travel	inch	51.9"
Y-axis Travel	inch	24"
Z-axis Travel	inch	30"
Table Dimension	inch	60" x 25" / Ø24.8"
B-axis Swiveling Range	deg	±110°
C-axis Rotary Range	deg	360°
Spindle Speed (OPT)	rpm	12,000
Spindle Motor	HP	49HP
Tool Shank	type	CAT-40
Tool Storage Capacity (OPT)	pcs.	40
Rapid Traverse (X / Y / Z)	ipm	1,417.3 / 1,417.3 / 1,181.1

550

NU

Monoblock Column 5-axis Machining Center



MODEL	UNIT	NU 550
X-axis Travel	inch	37"
Y-axis Travel	inch	31.4"
Z-axis Travel	inch	21.6"
Table Dimension	inch	Ø21.6"
A-axis Swiveling Range	deg	+30° ~ -120°
C-axis Rotary Range	deg	360°
Spindle Speed (OPT)	rpm	12,000 (15,000) / I.D.D.
Spindle Motor	HP	40HP
Tool Shank	type	CAT-40
Tool Storage Capacity (OPT)	pcs.	32 (40 / 60)
Rapid Traverse (X / Y / Z)	ipm	1,417.3 / 1,417.3 / 1,181.1

3015

CR

Gantry Routers



MODEL	UNIT	CR-3015
X-axis Travel	inch	122"
Y-axis Travel	inch	61"
Z-axis Travel	inch	11"
Distance Between Columns	inch	62.9"
Table Dimension	inch	122" x 55.1"
Table Thickness	inch	0.98"
Spindle Speed	rpm	10,000 / I.D.D.
Spindle Motor	HP	20HP
Tool Shank	type	CAT-40
Tool Storage Capacity	pcs.	20 (Carousel)
Rapid Traverse (X / Y / Z)	ipm	787.4 / 1,574.8 / 1,181.1

2216 / 3216 / 4216 / 3221 / 4221 / 5221
3226 / 4226 / 5226

PV

Double Column Machining Center



MODEL	UNIT	PV-2216	PV-3216	PV-4216
X-axis Travel	inch	86.6"	125.9"	165.3"
Y-axis Travel	inch	62.9"	62.9"	62.9"
Z-axis Travel	inch	29.5"	29.5"	29.5"
Table Dimension	inch	90.5" x 57"	129.9" x 57"	169.2" x 57"
Max. Loading Weight	lb	13,227	17,636	22,046
Spindle Speed	rpm	6,000 / Gear Head		
Spindle Motor	HP	25HP		
Tool Shank	type	CAT-50		
Tool Storage Capacity (OPT)	pcs.	32 (40 / 60)		
Rapid Traverse (X / Y / Z)	ipm	787.4 / 787.4 / 629.9		

MODEL	UNIT	PV-3221	PV-4221	PV-5221
X-axis Travel	inch	125.9"	165.3"	204.7"
Y-axis Travel	inch	82.6"	82.6"	82.6"
Z-axis Travel (OPT)	inch	31.4" (39.3")	31.4" (39.3")	31.4" (39.3")
Table Dimension	inch	118.1" x 66.9"	157.4" x 66.9"	196.8" x 66.9"
Max. Loading Weight	lb	17,636	22,046	26,455
Spindle Speed	rpm	6,000 / Gear Head		
Spindle Motor	HP	25HP		
Tool Shank	type	CAT-50		
Tool Storage Capacity (OPT)	pcs.	32 (40 / 60)		
Rapid Traverse (X / Y / Z)	ipm	472.4 / 590.5 / 590.5		393.7 / 472.4 / 472.4

MODEL	UNIT	PV-3226	PV-4226	PV-5226
X-axis Travel	inch	125.9"	165.3"	204.7"
Y-axis Travel	inch	102.3"	102.3"	102.3"
Z-axis Travel (OPT)	inch	31.4" (39.3")	31.4" (39.3")	31.4" (39.3")
Table Dimension	inch	118.1" x 86.6"	157.4" x 86.6"	196.8" x 86.6"
Max. Loading Weight	lb	26,455	30,864	35,273
Spindle Speed	rpm	6,000 / Gear Head		
Spindle Motor	HP	25HP		
Tool Shank	type	CAT-50		
Tool Storage Capacity (OPT)	pcs.	32 (40 / 60)		
Rapid Traverse (X / Y / Z)	ipm	472.4 / 590.5 / 590.5		393.7 / 472.4 / 472.4

320 mm Trunnion / 400 mm Trunnion

CPV-1050B 4+1

Vertical Machining Center with Trunnion Table



MODEL	UNIT	CPV-1050B 4+1 with 320 mm Trunnion	CPV-1050B 4+1 with 400 mm Trunnion
X-axis Travel	inch	42"	
Y-axis Travel	inch	20.9"	
Z-axis Travel	inch	30.7"	
Allowable Table Load	lb	2200	
Trunnion Table Diameter	inch	Ø12.6"	Ø15.75"
Maximum Workpiece Size	inch	Ø15.75" x H12"	Ø26.7" x H12"
Maximum Workpiece Weight	lb	220	220
Spindle Speed	rpm	12,000	
Spindle Motor	HP	25HP	
Tool Shank	type	CAT-40	
Tool Storage Capacity	pcs.	24	
Rapid Traverse (X / Y / Z)	ipm	1,181.1 / 1,181.1 / 1,181.1	

350 / 420

VT

CNC Precision Vertical Lathe



MODEL	UNIT	VT-350	VT-420
Max. Swing Over Bed	inch	Ø15.7"	Ø15.7"
Max. Turning Diameter	inch	Ø13.7"	Ø16.5"
Max. Turning Height	inch	11.7"	11.7"
X-axis Travel	inch	6.8" + 0.9"	8.2" + 0.9"
Z-axis Travel	inch	13.9"	
Rapid Traverse (X / Z)	ipm	787.4 / 787.4	
Turret Type / Nos.		Servo / 12-Station	
Spindle Nose	type	A2-8	
Hydraulic Chuck Diameter	inch	12"	
Spindle Speed	rpm	2,000	
Spindle Motor	HP	35HP	

208 / 208S

NT

30° Slant-bed Box Way CNC Lathe



106 / 158 / 208 / 3510 / 3512 / 3518 / 3520

CPL

45° Slant-bed CNC Precision Lathe



MODEL	UNIT	NT-208	NT-208S	CPL-106	CPL-158	CPL-208	CPL-3510	CPL-3512	CPL-3518	CPL-3520
Type of Guideways	type	Box	Box	Linear	Linear	Linear	Linear	Linear	Box	Box
Max. Swing Over Bed	inch	Ø22.8"	Ø25.9"	Ø17.7"	Ø17.7"	Ø21.2"	Ø22.4"	Ø27.5"	Ø35.4"	
Max. Turning Diameter	inch	Ø16.5"	Ø15.7"	Ø11.4"	Ø10.6"	Ø15.7"	Ø15.7"	Ø19.6"	Ø27.5"	
X-axis Travel	inch	8.2" + 0.7"	7.8" + 0.7"	5.9" + 0.7"	5.3" + 0.7"	7.8" + 0.7"	7.8" + 0.7"	9.8" + 0.9"	13.9" + 1.1"	
Z-axis Travel (OPT)	inch	22.4"	20.8"	13.7"	12.5"	19.6"	27.5"	39.3" (59")	86.6" (61" / 124")	84.6" (59" / 122")
Rapid Traverse (X / Z)	ipm	787.4 / 944.8	944.8 / 944.8	944.8 / 944.8				944.8 / 944.8 (787.4)	787.4 / 590.5 (787.4 / 590.5)	
Turret Type / Nos.	type	Hydraulic / 10-Station	Servo / 12-Station	Hydraulic / 10-Station				Hydraulic / 8-Station		
Spindle Nose / Chuck	type	A2-6 / 8"	A2-6 / 8"	A2-5 / 6"	A2-6 / 8"	A2-6 / 8"	A2-8 / 10"	A2-11 / 12"	A2-11 / 18"	A2-15 / 20"
Hole Through Draw Tube	inch	Ø2"	Ø2"	Ø1.7"	Ø2"	Ø2"	Ø3"	Ø4.6"	Ø4.6"	Ø6.4"
Spindle Speed	rpm	4,200	4,200	6,000	4,200	4,200	3,000	2,000	2,000 / Gear Type	1,000 / Gear Type
Spindle Motor	HP	20HP	20HP	10HP	15HP	20HP	25HP	35HP	35HP	
Sub-spindle Nose / Chuck	type	—	A2-5 / 6"	—	—	—	—	—	—	

208M / 208SM / 208Y / 208SY

NT Turn & Mill

30° Slant-bed Box Way Turning & Milling Center

- M** C-axis with Live Tool Turret
- SM** C-axis with Live Tool Turret & Sub-spindle
- Y** C / Y-axes with Live Tool Turret
- SY** C / Y-axes with Live Tool Turret & Sub-spindle



10MC / 20MC / 30MC / 3512MC / 3518MC / 3520MC / 3010Y / 3010SY

CPL Turn & Mill

CNC Turning & Milling Center

- MC** C-axis with Living Turret
- Y** C / Y-axes with Live Tool Turret
- SY** C / Y-axes with Live Tool Turret & Sub-spindle



MODEL	UNIT	NT-208M	NT-208SM	NT-208Y	NT-208SY	10MC	20MC	30MC	3512MC	3518MC	3520MC	3010Y	3010SY
Max. Swing Over Bed	inch	Ø22.8"	Ø25.9"	Ø26.7"	Ø26.7"	Ø17.7"	Ø21.2"	Ø22.4"	Ø27.5"	Ø35.4"		Ø29.5"	
Max. Turning Diameter	inch	Ø16.5"	Ø15.7"	Ø15.7"	Ø15.7"	Ø6.6"	Ø10.2"	Ø10.2"	Ø11.8"	Ø23.2"		Ø18.5"	Ø15.7"
X-axis Travel	inch	8.2" + 0.7"	7.8" + 0.7"	7.8" + 0.7"	7.8" + 0.7"	5.9" + 0.19"	7.8" + 0.19"	7.8" + 0.19"	9.4" + 0.9"	13.7" + 1.3"		10.2"	
Y-axis Travel	inch	—	—	3.9" (±1.96")	3.9" (±1.96")	—	—	—	—	—		4.3" (±2.16")	
Z-axis Travel (OPT)	inch	22.4"	24.8"	24.8"	24.8"	12.5"	18.7"	26.5"	37.7" (57.4")	84.6" (59" / 122")	82.6" (57" / 120")	31.4" (53.1")	
Rapid Traverse (X / Z)	ipm	787.4 / 944.8	944.8 / 944.8	787.4 / 944.8	787.4 / 944.8	944.8 / 944.8		944.8 / 944.8 (787.4)		787.4 / 590.5 (787.4 / 590.5)		787.4 / 787.4	
Rapid Traverse (Y)	ipm	—	—	393.7	393.7	—		—		—		393.7	
Turret Type / Nos.		Servo Live Turret / 12-Station		Servo Live Turret / 12-Station		Servo Live Turret / 12-Station			Servo Live Turret / 12-Station			Servo Live Turret / 12-Station	
Spindle Nose / Chuck	type	A2-6 / 8"	A2-6 / 8"	A2-6 / 8"	A2-6 / 8"	A2-5 / 6"	A2-6 / 8"	A2-8 / 10"	A2-11 / 12"	A2-11 / 18"	A2-15 / 20"	A2-8 / 10"	A2-8 / 10"
Hole Through Draw Tube	inch	Ø2"	Ø2"	Ø2"	Ø2"	Ø1.7"	Ø2"	Ø2.9"	Ø4.6"	Ø4.6"	Ø6.4"	Ø2.9"	Ø2.9"
Spindle Speed	rpm	4,200	4,200	4,200	4,200	6,000	4,200	3,000	2,000	2,000 / Gear Type	1,000 / Gear Type	3,000	3,000
Spindle Motor	HP	20HP	20HP	20HP	20HP	10HP	20HP	25HP	25HP	35HP		25HP	25HP
Sub-spindle Nose / Chuck	type	—	A2-5 / 6"	—	A2-5 / 6"	—	—	—	—	—	—	—	A2-5 / 6"